

DEVICE FOR THE GENERATION OF HYDROGEN**ABSTRACT OF THE DISCLOSURE**

The invention relates to a device for the generation of hydrogen, comprising; (a) a heated steam reformation stage, with a reformer catalyst for the conversion of gaseous or vaporizable hydrocarbons and water into hydrogen, carbon monoxide and further reformation products; (b) at least one stage, arranged after the steam reformation stage, for the catalytic conversion of the mixture of hydrogen, carbon monoxide and excess steam emanating from the steam reformation stage (shift step); and (c) a fine purification stage after the conversion stages for the catalytic reduction of the residual carbon monoxide content in the conversion products. The invention is characterized in that the conversion stages and the fine purification stage are each embodied as hollow bodies with an annular chamber for housing the corresponding catalyst.